

Appl. No. : 10/773,628
Filed : February 5, 2004

AMENDMENTS TO THE CLAIMS

1. – 45. (Cancelled)

46. (Currently Amended) An isolated glycoconjugate peptide comprising an HIV gp120 a binding fragment of a CD4 ~~receptor for HIV gp120~~ synthetically conjugated to gal α (1,3) gal β .

47. (Previously Presented) The isolated glycoconjugate peptide of Claim 46, wherein said glycoconjugate peptide is linear.

48. (Currently Amended) The isolated glycoconjugate peptide of Claim 46, wherein said gal α (1,3) gal β is synthetically conjugated to said HIV gp120 binding fragment of a CD4 ~~receptor for HIV gp120~~ by attachment at one amino acid.

49. (Currently Amended) The isolated glycoconjugate peptide of Claim 46, wherein said HIV gp120 binding fragment of a CD4 ~~receptor for HIV gp120~~ is less than 200 amino acids in length.

50. (Currently Amended) The isolated glycoconjugate peptide of Claim 46, wherein said HIV gp120 binding fragment of a CD4 ~~receptor for HIV gp120~~ is less than 150 amino acids in length.

51. (Currently Amended) The isolated glycoconjugate peptide of Claim 46, wherein said HIV gp120 binding fragment of a CD4 ~~receptor for HIV gp120~~ is less than 100 amino acids in length.

52. (Currently Amended) The isolated glycoconjugate peptide of Claim 46, wherein said HIV gp120 binding fragment of a CD4 ~~receptor for HIV gp120~~ is less than 50 amino acids in length.

53. (Currently Amended) The isolated glycoconjugate peptide of Claim 46, wherein said HIV gp120 binding fragment of a CD4 ~~receptor for HIV gp120~~ is less than 25 amino acids in length.

54. (Currently Amended) The isolated glycoconjugate peptide of Claim 46, wherein said HIV gp120 binding fragment of a CD4 ~~receptor for HIV gp120~~ is less than or equal to 15 amino acids in length.

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55. (Previously Presented) The isolated glycoconjugate peptide of Claim 46, wherein said gal α (1,3) gal β is synthetically conjugated to a hydroxylated amino acid.

56. (Previously Presented) The isolated glycoconjugate peptide of Claim 46, wherein said gal α (1,3) gal β is synthetically conjugated by an NH_2 -linkage.

57. (Currently Amended) The isolated glycoconjugate peptide of Claim 46, wherein said gal α (1,3) gal β is synthetically conjugated to the N-terminal end of said HIV gp120 binding fragment of a CD4 ~~receptor for HIV gp120~~.

58. (Previously Presented) The isolated glycoconjugate peptide of Claim 48, wherein said gal α (1,3) gal β is synthetically conjugated to a hydroxylated amino acid.

59. (Previously Presented) The isolated glycoconjugate peptide of Claim 48, wherein said gal α (1,3) gal β is synthetically conjugated by an NH_2 -linkage.

60. (Currently Amended) The isolated glycoconjugate peptide of Claim 48, wherein said gal α (1,3) gal β is synthetically conjugated to the N-terminal end of HIV gp120 binding fragment of a CD4 ~~receptor for HIV gp120~~.

61. – 70. (Cancelled)